

INDEX TO VOLUME 34

Subject entries are made for all articles. Author entries are made for original articles. Book Reviews and Obituaries are indexed under these headings in their alphabetical order under the letters B and O, respectively.

Abdomen: See Gastrointestinal Tract; etc.
Abnormalities and Deformities: See Monsters; and under names of organs and regions, as Lungs, abnormalities; etc.
Abscess: See under names of organs and regions
Abstracting and indexing, 609
Acid, formic; elastic tissue; description of method for isolation of elastic tissue, 807
Ackerman, L. V.: Acute pancreatitis following blood transfusion, 1065
Adenopathy: See under Lymph Nodes
Adrenals; adrenal cortex in essential hypertension, 1031
Aegerter, E. E.: Kaposi's sarcoma; critical survey, 413
Age, elastic properties of rabbit aorta in relation to age, 262
 elastic tissue; study of elasticity and tensile strength of elastic tissue isolated from human aorta, 971
 regeneration of rat liver at different ages; metabolism of embryonic, neonatal and regenerating rat liver, 208
Air Passages: See Respiratory Tract
Allergy: See Anaphylaxis and Allergy
Altschul, R.: Atrophy, degeneration and metaplasia in denervated skeletal muscle, 982
Amyloid, studies of; isolation of polysaccharide from amyloid-bearing tissues, 92
Anaphylaxis and Allergy: See also Asthma; etc.
 sudden death following injection of foreign protein, 849
Anderson, T. F.: Bacterial morphology as shown by electron microscope; structural differentiation within bacterial protoplasm, 199
Anemia, splenic; congestive splenomegaly (Banti's disease) due to portal stenosis without hepatic cirrhosis; aneurysms of splenic artery; report of case with necropsy, 423
Anencephaly: See Monsters
Aneurysm, congestive splenomegaly (Banti's disease) due to portal stenosis without hepatic cirrhosis; aneurysms of splenic artery; report of case with necropsy, 423
Angevino, D. M.: Influence of various types of immunization on genesis of experimental hemolytic streptococcus arthritis, 18
Antibodies: See Antigens and Antibodies
Antigens and Antibodies: See also Immunity; and under specific antigens and reactions nucleoprotein antigen of vaccine virus; new antigen from elementary bodies of vaccinia, 275
Antiserum: See under names of various diseases
Aorta, elastic properties of rabbit aorta in relation to age, 262
 elastic tissue; description of method for isolation of elastic tissue, 807
 elastic tissue; study of elasticity and tensile strength of elastic tissue isolated from human aorta, 971

Aorta—Continued
 fibrinoid necrosis in arteriosclerosis, 365
 Sclerosis: See Arteriosclerosis
 syphilis of aorta and coronary arteries, 745
 transposition of aorta and pulmonary artery; embryologic study of its cause, 1016
Appointments, 469, 788, 934
Arachnoid, fibrosarcoma of arachnoidal origin with metastases; report of 4 cases with necropsy, 240
Aronson, H. G.: Pancreodochocystostomy and experimental production of gallstones, 843
Aronson, J. D.: Relationship of coccidioidomycosis to calcified pulmonary nodules, 31
Arteries: See also Aneurysm; Aorta; Arteriosclerosis; Blood pressure; etc.
 pulmonary; transposition of aorta and pulmonary artery; embryologic study of its cause, 1016
 study of lesions in occluding peripheral sclerosis, with note on Mönckeberg's sclerosis, 989
 syphilis of aorta and coronary arteries, 745
Arteriosclerosis, experimental cholesterol atheromatosis in omnivorous animal, the chick, 937
 experimental studies in cardiovascular pathology; pectin atheromatosis and thesauritis in rabbits and in dogs, 883
 fibrinoid necrosis in, 365
 heretofore unrecognized mechanical principle effective in aortic sclerosis, 965
 obliterans; study of lesions in occluding peripheral sclerosis, with note on Mönckeberg's sclerosis, 989
 relationship of heart size to cholesterol content in experimental atheromatosis of rabbit, 875
Arthritis, influence of various types of immunization on genesis of experimental hemolytic streptococcus arthritis, 18
Ashburn, L. L.: Spontaneous coccidioid granuloma in lungs of wild rodents, 791
Asthma: See also Anaphylaxis and Allergy
 sudden death following injection of foreign protein, 849
Atheroma: See Arteriosclerosis
Atherosclerosis: See Arteriosclerosis
Atrophy: See also under names of organs and regions
 degeneration and metaplasia in denervated skeletal muscle, 982
Avitaminosis: See under Vitamins
Awards, 469, 609, 934

B C G: See under Tuberculosis
Bacilli: See Bacteria
Bacteria: See also under Streptococci; Tubercle Bacilli; Viruses; etc.
 bacterial morphology as shown by electron microscope; structural differentiation within bacterial protoplasm, 199
Baker, A. B.: Metastatic tumors of nervous system, 495
Banti's Disease: See Anemia, splenic
Barnes, R. W.: Carcinoma of prostate; correlation between histologic observations and clinical course, 473
Becks, H.: Effect of thyroxin and anterior pituitary growth hormone on endochondral ossification; species used: rat, 334

- Beeman, J.: Notes on identification of seminal stains by means of Florence reaction, 932
- Benzanthracene, comparative pathology of induced tumors of salivary glands, 613
- Benzpyrene, comparative pathology of induced tumors of salivary glands, 613
- Bile Ducts: See also Gallbladder
effect of parabiosis on hepatic changes following obstruction of common bile duct in rats, 196
- Blanchard, J.: Regeneration of rat liver at different ages; metabolism of embryonic, neonatal and regenerating rat liver, 208
- Blood: See also Leukocytes
Diseases: See Anemia; Hemopoietic System; Leukemia; etc.
effects of radiation on blood and hemopoietic tissues, including spleen, thymus and lymph nodes, 562
pressure; heretofore unrecognized mechanical principle effective in aortic sclerosis, 965
pressure, high; adrenal cortex in essential hypertension, 1031
transfusion, acute pancreatitis following, 1065
Vessels: See Arteries; Cardiovascular System; etc.
- Blumberg, H.: Production of cirrhosis of liver in rats by feeding low protein, high fat diets, 1035
- Blumenthal, H. T.: Effects of progesterone on sex organs and on production of placenta in female guinea pig, 49
- Bones: See also under names of bones
Diseases: See Osteitis
effect of thyroxin and anterior pituitary growth hormone on endochondral ossification; species used: rat, 334
mechanism of parathyroid hormone action, 625
multiple myeloma with unusual visceral involvement, 546
skeletal abnormalities induced in rats by maternal nutritional deficiency; histologic studies, 375
- BOOK REVIEWS:
Atlas of Dental and Oral Pathology; J. L. Bernier and others, 789
Atlas of Ophthalmic Pathology; E. DeCoursey and others, 789
Atlas of Otolaryngic Pathology; J. E. Ash and others, 789
Biology of Negro; J. H. Lewis, 470
Blood Grouping Technic; F. Schiff and W. C. Boyd, 1086
Dynamic State of Body Constituents; R. Schoenheimer, 935
Immunochemistry; W. C. Boyd and others, 471
Medical Parasitology; J. T. Culbertson, 1087
Modern Attack on Tuberculosis; H. D. Chadwick and A. S. Pope, 611
Necropsy: Guide for Students of Anatomic Pathology; B. Halpert, 471
Occupational Tumors and Allied Diseases; W. C. Hueper, 610
Pathology of Trauma; A. R. Moritz, 610
Spontaneous and Experimental Leukaemia in Animals; J. Engelbreth-Holm, 935
Synopsis of Pathology; W. A. D. Anderson, 1086
Textbook of Histology; A. A. Maximow and W. Bloom, 471
- Books received, 472, 612, 790, 936, 1088
- Boron Compounds, elements necessary for plant growth, 467
- Brain: See also Corpus Striatum; Nervous System; Thalamus; etc.
encephalomalacia with cavity formation in infants, 286
heterotopic brain tissue in lungs of 2 anencephalic monsters, 1009
- Brain—Continued
tumors of striothalamic and related regions; their probable source of origin and more common forms, 674
- Bremer, J. L.: Transposition of aorta and pulmonary artery; embryologic study of its cause, 1016
- Brown, A. F.: Carcinoma of prostate; correlation between histologic observations and clinical course, 473
- Bunting, C. H.: Pulmonary apical scar; inquiry, 67
- Calcification, arteriosclerosis obliterans; study of lesions in occluding peripheral sclerosis, with note on Mönckeberg's sclerosis, 989
metastatic, in osteitis deformans (Paget's disease of bone), 435
- Calcium and Calcium Compounds, pathologic effects produced by deficiency of single metallic and nonmetallic elements, 453
- Calculi: See under Gallbladder
- Camaller, W., Jr.: Reduction of pulmonary resistance to infection by circulating toxins, 801
- Cancer: See also Sarcoma; Tumors; etc.; and under names of organs and regions, as Lungs; etc.
carcinoma of prostate; correlation between histologic observations and clinical course, 473
fellowships in cancer research, 1085
prize for cancer research, 1085
- Carbohydrates: See Saccharides
- Carcinoma: See Cancer
- Cardiovascular System: See also Arteries; Heart; etc.
effects of radiation on, 1070
experimental studies in cardiovascular pathology; pectin atheromatosis and thesaurosis in rabbits and in dogs, 883
- Cecil, R. L.: Influence of various types of immunization on genesis of experimental hemolytic streptococcus arthritis, 18
- Cells: See also Protoplasm; Tissue; etc.
effects of radiation on, 446
- Cellulose, experimental studies in cardiovascular pathology; pectin atheromatosis and thesaurosis in rabbits and in dogs, 883
- Chemotaxis: See Leukocytes
- Chlorine, pathologic effects produced by deficiency of single metallic and nonmetallic elements, 459
- Cholesterol, experimental atheromatosis in omnivorous animal, the chick, 937
relationship of heart size to cholesterol content in experimental atheromatosis of rabbit, 875
- Choline and Choline Derivatives, renal changes in albino rat on low choline and choline-deficient diets, 633
- Chomet, B.: Oxyuris vermicularis infection of wall of fallopian tube, 742
- Chorionic Gonadotropin: See Gonadotropins
- Choroid Plexus, papilloma of; report of case and summary of recorded cases, 911
- Christensen, K.: Renal changes in albino rat on low choline and choline-deficient diets, 633
- Churg, J.: Multiple myeloma with unusual visceral involvement, 546
- Cicatrix, pulmonary apical scar; inquiry, 67
- Cobalt, pathologic effects produced by deficiency of single metallic and nonmetallic elements, 464
- Coccidioides, spontaneous coccidioidial granuloma in lungs of wild rodents, 791
- Coccidioidomycosis: See Coccidioidosis

- Coccidioidosis, coccidioidomycosis in states other than California, with report of case in Louisiana, 484
relationship of coccidioidomycosis to calcified pulmonary nodules, 31
- Communicable Diseases: See Immunity; Syphilis; etc.
- Copper, pathologic effects produced by deficiency of single metallic and nonmetallic elements, 460
- Corpus Striatum, tumors of striatohalamic and related regions; their probable source of origin and more common forms, 674
- Cranium, fracture; traumatic hemorrhage into pituitary gland, 431
- Crawford, A. S.: Traumatic hemorrhage into pituitary gland, 431
- Cystadenoma lymphomatosum, papillary, 833
- Cysts: See under names of organs and regions
- Dauber, D. V.: Experimental cholesterol atheromatosis in omnivorous animal, the chick, 837
- Death, sudden, following injection of foreign protein, 849
- Dempsey, W. S.: Adrenal cortex in essential hypertension, 1031
- Diabetes Mellitus, biochemical factors in inflammation and diabetes mellitus, 182
- Digestive System: See Gastrointestinal Tract; Intestines; Stomach; etc.
- Dunlap, C. E.: Effects of radiation on blood and hemopoietic tissues, including spleen, thymus and lymph nodes, 562
- Dyes: See Stains and Staining
- Education, teaching of experimental pathology, 75
- Emmons, C. W.: Spontaneous coccidioid granuloma in lungs of wild rodents, 791
- Encephalomyelitis, equine (Western) in man; histologic and anatomic study, 1050
- Endocardium: See Heart
- Erythrocytes: See Anemia; etc.
- Estrogens, anatomic changes in prostate of patients with cirrhosis of liver, 735
- Estrus, effects of progesterone on sex organs and on production of placenta in female guinea pig, 49
variation of vitamin A fluorescence in cyclic changes of ovary, 647
- Evans, H. M.: Effect of thyroxine and anterior pituitary growth hormone on endochondral ossification; species used: rat, 334
- Evans, N.: Carcinoma of prostate; correlation between histologic observations and clinical course, 473
- Extremities, blood supply; study of lesions in occluding peripheral sclerosis, with note on Mönckeberg's sclerosis, 989
- Fallopian Tube, Oxyuris vermicularis infection of wall of, 742
- Fat, production of cirrhosis of liver in rats by feeding low protein, high fat diets, 1035
- Fellowships in cancer research, 1085
- Fibrin, fibrinoid necrosis in arteriosclerosis, 365
- Fibrosarcoma of arachnoidal origin with metastases; report of 4 cases with necropsy, 240
- Fish, tumors of nerve sheaths in fish of snapper family (Lutjanidae), 133
- Fisher, H. R.: Arteriosclerosis obliterans; study of lesions in occluding peripheral sclerosis, with note on Mönckeberg's sclerosis, 989
- Florence Reaction: See under Semen
- Fluorescence, variation of vitamin A fluorescence in cyclic changes of ovary, 647
- Follis, R. H., Jr.: Pathologic effects produced by deficiency of single metallic and non-metallic elements, 451
- Food: See Nutrition; Vitamins
- Forensic Medicine: See Jurisprudence, Medical
- Fractures: See under Cranium
- Freund, J.: Standardization of tuberculin with aid of guinea pigs sensitized by killed tubercle bacilli in liquid petrolatum, 73
- Friedberg, L.: Relationship of heart size to cholesterol content in experimental atheromatosis of rabbit, 875
- Friedman, N. B.: Effects of radiation on gastrointestinal tract, including salivary glands, liver and pancreas, 749
- Furth, J.: Teaching of experimental pathology, 75
- Gallbladder: See also Bile Ducts
calculi; pancreodocholecystostomy and experimental production of gallstones, 843
- Gallium, elements necessary for plant growth, 467
- Gastrointestinal Tract: See also Intestines; Stomach; etc.
effects of radiation on gastrointestinal tract, including salivary glands, liver and pancreas, 749
- Globus, J. H.: Tumors of striatohalamic and related regions; their probable source of origin and more common forms, 674
- Goldstein, P.: Syphilis of aorta and coronary arteries, 745
- Gonadotropins, effect of chorionic gonadotropin on spread of particulate substances in skin of rabbits, 151
- Gordon, A. J.: Multiple myeloma with unusual visceral involvement, 546
- Gottschall, R. Y.: Standardization of tuberculin with aid of guinea pigs sensitized by killed tubercle bacilli in liquid petrolatum, 73
- Grady, H. G.: Production of cirrhosis of liver in rats by feeding low protein, high fat diets, 1035
- Graham, E. A.: Developmental abnormalities of lung and bronchiogenic carcinoma, 301
- Grants and awards, 469, 609
- Granuloma, Coccidioid: See Coccidioides
- Grayzel, D. M.: Papillary cystadenoma lymphomatosum, 833
- Grill, J.: Recklinghausen's disease with unusual symptoms from intestinal neurofibroma, 902
- Growth, effect of thyroxine and anterior pituitary growth hormone on endochondral ossification; species used: rat, 334
- Harris, W. H., Jr.: Comparison of pathologic observations in Weil's disease and in yellow fever, 663
- Hass, G. M.: Elastic tissue; description of method for isolation of elastic tissue, 807
Elastic tissue; study of elasticity and tensile strength of elastic tissue isolated from human aorta, 971
Studies of amyloid; isolation of polysaccharide from amyloid-bearing tissues, 92
- Haymond, J. L.: Traumatic hemorrhage into pituitary gland, 431
- Heart: See also Cardiovascular System; Myocarditis; etc.
relationship of heart size to cholesterol content in experimental atheromatosis of rabbit, 875
secondary tumors of, 358
susceptibility of heart of rabbit to specific infection in viral diseases, 319
transposition of aorta and pulmonary artery; embryologic study of its cause, 1016
weight of normal human heart, 820

- Heilman, L. M.: Effect of parabiosis on hepatic changes following obstruction of common bile duct in rats, 196
- Hemoglobin and Hemoglobin Compounds: See Anemia; Blood
- Hemopoietic System: See also Anemia; Leukemia; etc.
effects of radiation on blood and hemopoietic tissues, including spleen, thymus and lymph nodes, 562
- Herbut, P. A.: Secondary tumors of heart, 358
- Hertig, A. T.: Bilateral cortical necrosis of kidney; report of 2 cases, 866
- Hill, J. H.: Congestive splenomegaly (Banti's disease) due to portal stenosis without hepatic cirrhosis; aneurysms of splenic artery; report of case with necropsy, 423
- Histoplasmosis, experimental, in mice, 229
- Hoagland, C. L.: Nucleoprotein antigen of vaccine virus; new antigen from elementary bodies of vaccinia, 275
- Holley, S. W.: Metastatic calcification in osteitis deformans (Paget's disease of bone), 435
- Hormones, Estrogenic: See Estrogens
- Hu, C. H.: Use of supravital staining technic in study of tumors of lymphosarcoma group, 106
- Hueper, W. C.: Experimental studies in cardiovascular pathology; pectin atheromatosis and thesaurosis in rabbits and in dogs, 883
- Hurwitz, M.: Relationship of heart size to cholesterol content in experimental atheromatosis of rabbit, 875
- Hydrocarbons, comparative pathology of induced tumors of salivary glands, 613
- Hydrogen Ion Concentration, biochemical factors in inflammation and diabetes mellitus, 182
- Hypersensitiveness: See Anaphylaxis and Allergy
- Hypertension: See Blood pressure, high
- Hypophysis: See Pituitary Body
- Immunity:** See also Anaphylaxis and Allergy; Antigens and Antibodies; etc.
reduction of pulmonary resistance to infection by circulating toxins, 801
- Indexing and abstracting, 609
- India Ink: See under Skin
- Indians, American; relationship of coccidioidomycosis to calcified pulmonary nodules, 31
- Infants, parathyroid gland in, 1042
- Infection: See Immunity; Viruses; and under names of bacteria, as Streptococci; etc.
- Inflammation, biochemical factors in inflammation and diabetes mellitus, 182
- Injuries: See under names of organs and regions, as Cranium; etc.
- Insulin: See Diabetes Mellitus
- Intestines: See also Gastrointestinal Tract
Recklinghausen's disease with unusual symptoms from intestinal neurofibroma, 902
studies of spontaneous tumors in guinea pigs; tumors of stomach and intestine, 218
- Iodine and Iodine Compounds, pathologic effects produced by deficiency of single metallic and nonmetallic elements, 465
- Iron, pathologic effects produced by deficiency of single metallic and nonmetallic elements, 460
- Irradiation: See Radiations; and under names of diseases and organs
- Islands of Langerhans: See Pancreas
- Jacobius, H.: Effect of parabiosis on hepatic changes following obstruction of common bile duct in rats, 196
- Journals: See Periodicals
- Jurisprudence, Medical; notes on identification of seminal stains by means of Florence reaction, 932
- Kaplan, E.: Parathyroid gland in infancy, 1042
- Kaposi Sarcoma: See Sarcoma
- Katz, L. N.: Experimental cholesterol atheromatosis in omnivorous animal, the chick, 937
- Kidneys: See also Urinary Tract
bilateral cortical necrosis of; report of 2 cases, 866
mechanism of parathyroid hormone action, 625
renal changes in albino rat on low choline and choline-deficient diets, 633
- Koch's Bacillus: See Tubercle Bacilli
- Krafka, J., Jr.: Heretofore unrecognized mechanical principle effective in aortic sclerosis, 965
- Krumbhaar, E. B.: Spleen in leukemias, 117
- Kuhlenbeck, H.: Tumors of striatohalamic and related regions; their probable source of origin and more common forms, 674
- Kuzma, J. F.: Recklinghausen's disease with unusual symptoms from intestinal neurofibroma, 902
- Langerhans' Islands:** See Pancreas
- Lederer, M.: Papillary cystadenoma lymphomatosum, 833
- Leukemia, cultivation of human leukemic leukocytes on chorioallantoic membrane of chicken egg, 538
spleen in, 117
- Leukocytes: See also Leukemia; etc.
biochemical factors in inflammation and diabetes mellitus, 182
chemotaxis, 167
cultivation of human leukemic leukocytes on chorioallantoic membrane of chicken egg, 538
- Lipoids: See Cholesterol; Fat; etc.
- Liver, cirrhosis; anatomic changes in prostate of patients with cirrhosis of liver, 735
cirrhosis; production in rats by feeding low protein, high fat diets, 1035
effect of parabiosis on hepatic changes following obstruction of common bile duct in rats, 196
effects of radiation on gastrointestinal tract, including salivary glands, liver and pancreas, 749
regeneration of rat liver at different ages; metabolism of embryonic, neonatal and regenerating rat liver, 208
studies of amyloid; isolation of polysaccharide from amyloid-bearing tissues, 92
- Loeb, L.: Effects of progesterone on sex organs and on production of placenta in female guinea pig, 49
- Lucké, B.: Tumors of nerve sheaths in fish of snapper family (Lutjanidae), 133
- Lungs: See also Respiratory Tract; etc.
abnormalities; developmental abnormalities of lung and bronchiogenic carcinoma, 301
cancer; developmental abnormalities of lung and bronchiogenic carcinoma, 301
effects of radiation on respiratory system, 917
heterotopic brain tissue in lungs of 2 anencephalic monsters, 1009
pulmonary apical scar; inquiry, 67
reduction of pulmonary resistance to infection by circulating toxins, 801
relationship of coccidioidomycosis to calcified pulmonary nodules, 31

Lungs—Continued

- spontaneous coccidioid granuloma in lungs of wild rodents, 791
 Tuberculosis: See Tuberculosis, pulmonary
 Lurie, M. B.: Effect of chorionic gonadotropin on spread of particulate substances in skin of rabbits, 151
 Lutjanidae: See Snapper
 Lymph Nodes: See also Lymphosarcoma; etc.
 clinical significance of pathologic changes in giant follicular lymphadenopathy, 385
 effects of radiation on blood and hemopoietic tissues, including spleen, thymus and lymph nodes, 562
 papillary cystadenoma lymphomatosum, 833
 use of supravital staining technic in study of tumors of lymphosarcoma group, 106
 Lymphatic System: See Lymph Nodes
 Lymphocytes: See Leukemia; Leukocytes
 Lymphosarcoma, use of supravital staining technic in study of tumors of lymphosarcoma group, 106
 MacCallum, W. G.: Suprasellar tumors related to pars intermedia of hypophysis, 13
 McCutcheon, M.: Chemotaxis, 167
 McGowan, L. E.: Encephalomalacia with cavity formation in infants, 286
 Magnesium, pathologic effects produced by deficiency of single metallic and nonmetallic elements, 457
 Maisel, A. L.: Secondary tumors of heart, 358
 Malformations: See under names of organs and regions
 Manganese, pathologic effects produced by deficiency of single metallic and nonmetallic elements, 462
 Menkin, V.: Biochemical factors in inflammation and diabetes mellitus, 182
 Menopause, variation of vitamin A fluorescence in cyclic changes of ovary, 647
 Menstruation, variation of vitamin A fluorescence in cyclic changes of ovary, 647
 Mesothelioma, localized pleural mesothelioma; investigation of its characteristics and histogenesis by method of tissue culture, 951
 Metals, elements necessary for plant growth, 467
 pathologic effects produced by deficiency of single metallic and nonmetallic elements, 451
 Methylcholanthrene, comparative pathology of induced tumors of salivary glands, 613
 Micro-Organisms: See Bacteria; etc.
 Microscopy, bacterial morphology as shown by electron microscope; structural differentiation within bacterial protoplasm, 199
 Molybdenum, elements necessary for plant growth, 467
 Monsters, heterotopic brain tissue in lungs of 2 anencephalic monsters, 1009
 Moore, R. A.: Effect of parabiosis on hepatic changes following obstruction of common bile duct in rats, 196
 Mudd, S.: Bacterial morphology as shown by electron microscope; structural differentiation within bacterial protoplasm, 199
 Munslow, R. A.: Traumatic hemorrhage into pituitary gland, 431
 Murray, M. R.: Localized pleural mesothelioma; investigation of its characteristics and histogenesis by method of tissue culture, 951
 Muscles, atrophy, degeneration and metaplasia in denervated skeletal muscle, 982
 Myasthenia Gravis, myocardial lesions in; review and report of case, 557
 Myeloma, multiple, with unusual visceral involvement, 546
 Myocarditis, myocardial lesions in myasthenia gravis; review and report of case, 557
 Myocardium: See Heart
 Necrosis, fibrinoid, in arteriosclerosis, 365
 Nelson, R. C.: Skeletal abnormalities induced in rats by maternal nutritional deficiency; histologic studies, 375
 Neoplasms: See Cancer; Sarcoma; Tumors
 Nephrosis: See under Kidneys
 Nerves: See also Nervous System
 atrophy, degeneration and metaplasia in denervated skeletal muscle, 982
 tumors of nerve sheaths in fish of snapper family (Lutjanidae), 133
 Nervous System: See also Brain; Nerves; etc.
 metastatic tumors of, 495
 Neurofibromatosis, Recklinghausen's disease with unusual symptoms from intestinal neurofibroma, 902
 Norris, J. L.: Regeneration of rat liver at different ages; metabolism of embryonic, neonatal and regenerating rat liver, 208
 Nucleoproteins; nucleoprotein antigen of vaccine virus; new antigen from elementary bodies of vaccinia, 275
 Nutrition: See also Vitamins
 skeletal abnormalities induced in rats by maternal nutritional deficiency; histologic studies, 375
 Obituaries:
 Aschoff, Ludwig, 934
 Brown, Wade H., 609
 Fischer-Wagels, Bernhard, 469
 Loir, Adrien, 788
 Lyon, Marcus W., Jr., 469
 Olcott, C. T.: Studies of spontaneous tumors in guinea pigs; tumors of stomach and intestine, 218
 Ople, Eugene L., inquiry into certain aspects of, 1
 publications from 1898 to 1941, 7
 Ossification, effect of thyroxin and anterior pituitary growth hormone on endochondral ossification; species used: rat, 334
 Osteitis deformans; metastatic calcification in osteitis deformans (Paget's disease of bone), 435
 Ovary, effects of progesterone on sex organs and on production of placenta in female guinea pig, 49
 variation of vitamin A fluorescence in cyclic changes of, 647
 Oxyuriasis; Oxyuris vermicularis infection of wall of fallopian tube, 742
 Paget's Disease: See Osteitis deformans
 Pal, H. C.: Use of supravital staining technic in study of tumors of lymphosarcoma group, 106
 Palik, E. E.: Coccidioidomycosis in states other than California, with report of case in Louisiana, 484
 Pancreas, effects of radiation on gastrointestinal tract, including salivary glands, liver and pancreas, 749
 pancreodochocystostomy and experimental production of gallstones, 843
 Pancreatitis, acute, following blood transfusion, 1065
 Papanicolaou, G. N.: Studies of spontaneous tumors in guinea pigs; tumors of stomach and intestine, 218
 Papilloma of choroid plexus; report of case and summary of recorded cases, 911
 Parabiosis, effect on hepatic changes following obstruction of common bile duct in rats, 196

- Parathyroid, effect of thyroxin and anterior pituitary growth hormone on endochondral ossification; species used: rat, 334
in infancy, 1042
mechanism of parathyroid hormone action, 625
- Parr, E. I.: Relationship of coccidioidomycosis to calcified pulmonary nodules, 31
- Parsons, R. J.: Experimental histoplasmosis in mice, 229
- Pathology, experimental, teaching of, 75
- Peale, A. R.: Kaposi's sarcoma; critical survey, 413
- Pearce, J. M.: Susceptibility of heart of rabbit to specific infection in viral diseases, 319
- Pectin, experimental studies in cardiovascular pathology; pectin atheromatosis and thesauritis in rabbits and in dogs, 883
- Peers, J. H.: Equine encephalomyelitis (Western) in man; histologic and anatomic study, 1050
- Periodicals, Federation Proceedings, 469
- Petrolatum, standardization of tuberculin with aid of guinea pigs sensitized by killed tubercle bacilli in liquid petrolatum, 73
- Phagocytes and Phagocytosis: See Immunity; Leukocytes
- Phosphorus and Phosphorus Compounds, pathologic effects produced by deficiency of single metallic and nonmetallic elements, 454
- Pierce, M.: Cultivation of human leukemic leukocytes on chorioallantoic membrane of chicken egg, 538
- Pituitary Body, effect of thyroxin and anterior pituitary growth hormone on endochondral ossification; species used: rat, 334
suprasellar tumors related to pars intermedia of hypophysis, 13
traumatic hemorrhage into pituitary gland, 431
- Pituitary Preparations, effect of thyroxin and anterior pituitary growth hormone on endochondral ossification; species used: rat, 334
- Placenta, bilateral cortical necrosis of kidney; report of 2 cases, 866
effects of progesterone on sex organs and on production of placenta in female guinea pig, 49
- Placentoma, effects of progesterone on sex organs and on production of placenta in female guinea pig, 49
- Plants, elements necessary for plant growth, 467
- Pleura, localized pleural mesothelioma; investigation of its characteristics and histogenesis by method of tissue culture, 951
- Polevitzky, K.: Bacterial morphology as shown by electron microscope; structural differentiation within bacterial protoplasm, 199
- Polysaccharide: See Saccharides
- Popper, H.: Variation of vitamin A fluorescence in cyclic changes of ovary, 647
- Poppitt, R.: Myocardial lesions in myasthenia gravis; review and report of case, 557
- Portal Vein, congestive splenomegaly (Banti's disease) due to portal stenosis without hepatic cirrhosis; aneurysms of splenic artery; report of case with necropsy, 423
- Posey, L. C.: Papilloma of choroid plexus; report of case and summary of recorded cases, 911
- Potassium, pathologic effects produced by deficiency of single metallic and nonmetallic elements, 455
- Potter, E. L.: Heterotopic brain tissue in lungs of 2 anencephalic monsters, 1009
- Povolny, C.: Regeneration of rat liver at different ages; metabolism of embryonic, neonatal and regenerating rat liver, 208
- Pregnancy, bilateral cortical necrosis of kidney; report of 2 cases, 866
skeletal abnormalities induced in rats by maternal nutritional deficiency; histologic studies, 375
variation of vitamin A fluorescence in cyclic changes of ovary, 647
- Prize for cancer research, 1085
- Progesterone: See under Ovary
- Prostate, anatomic changes in prostate of patients with cirrhosis of liver, 735
carcinoma; correlation between histologic observations and clinical course, 473
- Proteins: See also Nucleoproteins
production of cirrhosis of liver in rats by feeding low protein, high fat diets, 1035
- Protoplasm: See also Cells
bacterial morphology as shown by electron microscope; structural differentiation within bacterial protoplasm, 199
- Radiations, effects on blood and hemopoietic tissues, including spleen, thymus and lymph nodes, 562
effects on cardiovascular system, 1070
effects on cell, 446
effects on gastrointestinal tract, including salivary glands, liver and pancreas, 749
effects on normal tissues, 443, 562, 749, 917, 1070
effects on respiratory system, 917
effects on urinary system, 1079
- Ragins, A. B.: Variation of vitamin A fluorescence in cyclic changes of ovary, 647
- Rao, J.: Myocardial lesions in myasthenia gravis; review and report of case, 557
- Ray, R. D.: Effect of thyroxin and anterior pituitary growth hormone on endochondral ossification; species used: rat, 334
- Recklinghausen's Disease: See Neurofibromatosis
- Respiratory Tract, effects of radiation on, 917
- Reticuloendothelial System: See Anemia; Liver; etc.
- Rivers, T. M.: Nucleoprotein antigen of vaccine virus; new antigen from elementary bodies of vaccinia, 275
- Roentgen Rays: See Radiations
- Rothbard, S.: Influence of various types of immunization on genesis of experimental hemolytic streptococcus arthritis, 18
- Rottino, A.: Myocardial lesions in myasthenia gravis; review and report of case, 557
- Russell, W. O.: Fibrosarcoma of arachnoidal origin with metastases; report of 4 cases with necropsy, 240
- Saccharides, studies of amyloid; isolation of polysaccharide from amyloid-bearing tissues, 92
- Sachs, E.: Fibrosarcoma of arachnoidal origin with metastases; report of 4 cases with necropsy, 240
- Salivary Glands, comparative pathology of induced tumors of, 613
effects of radiation on gastrointestinal tract, including salivary glands, liver and pancreas, 749
papillary cystadenoma lymphomatosum, 833
- Sappington, S. W.: Arteriosclerosis obliterans; study of lesions in occluding peripheral sclerosis, with note on Mönckeberg's sclerosis, 959
- Sarcoma: See also Cancer; Fibrosarcoma; Lymphosarcoma; Tumors; etc.
Kaposi's; critical survey, 413
- Saxton, J. A., Jr.: Elastic properties of rabbit aorta in relation to age, 262
- Saylor, R. M.: Relationship of coccidioidomycosis to calcified pulmonary nodules, 31

- Scandium, elements necessary for plant growth, 467
- Scars: See Cicatrix
- Schenken, J. B.: Coccidioidomycosis in states other than California, with report of case in Louisiana, 484
- Schlossmann, N. C.: Fibrinoid necrosis in arteriosclerosis, 365
- Schools, medical; teaching of experimental pathology, 75
- Sclerosis: See Arteriosclerosis
- Sella Turcica, suprasellar tumors related to pars intermedia of hypophysis, 13
- Selye, H.: Mechanism of parathyroid hormone action, 625
- Semen, notes on identification of seminal stains by means of Florence reaction, 932
- Serodiagnostics: See under names of diseases
- Serum: See Blood
- Sheldon, W. H.: Bilateral cortical necrosis of kidney; report of 2 cases, 866
- Silicon, elements necessary for plant growth, 467
- Simpson, M. E.: Effect of thyroxin and anterior pituitary growth hormone on endochondral ossification; species used: rat, 334
- Skeleton: See under Bones
- Skin, effect of chorionic gonadotropin on spread of particulate substances [India ink] in skin of rabbits, 151
- Skull: See Cranium
- Smadel, J. E.: Nucleoprotein antigen of vaccine virus; new antigen from elementary bodies of vaccinia, 275
- Smallpox, nucleoprotein antigen of vaccine virus; new antigen from elementary bodies of vaccinia, 275
- Snapper, tumors of nerve sheaths in fish of snapper family (Lutjanidae), 133
- Societies, American College of Physicians, 609
American College of Surgeons, 788
American Society for Clinical Pathologists, 609
Society of American Bacteriologists, 934
- Sodium, pathologic effects produced by deficiency of single metallic and nonmetallic elements, 455
- Specimens: See Stains and Staining; Tissue
- Spermatozoa, notes on identification of seminal stains by means of Florence reaction, 932
- Spirochetosis, icterohaemorrhagic; comparison of pathologic observations in Weil's disease and in yellow fever, 663
- Spleen, effects of radiation on blood and hemopoietic tissues, including spleen, thymus and lymph nodes, 562
in leukemias, 117
studies of amyloid; isolation of polysaccharide from amyloid-bearing tissues, 92
- Splenomegaly, congestive (Banti's disease) due to portal stenosis without hepatic cirrhosis; aneurysms of splenic artery; report of case with necropsy, 423
- Sprunt, D. H.: Reduction of pulmonary resistance to infection by circulating toxins, *801
- Stains and Staining, use of supravital staining technic in study of tumors of lymphosarcoma group, 106
- Steiner, P. E.: Comparative pathology of induced tumors of salivary glands, 613
- Stengel, A.: Spleen in leukemias, 117
- Stevenson, L. D.: Encephalomalacia with cavity formation in infants, 286
- Stomach: See also Gastrointestinal Tract
studies of spontaneous tumors in guinea pigs; tumors of stomach and intestine, 218
- Stout, A. P.: Localized pleural mesothelioma; investigation of its characteristics and histogenesis by method of tissue culture, 951
- Strassmann, G.: Sudden death following injection of foreign protein, 849
- Syphills of aorta and coronary arteries, 745
- Streptococci, influence of various types of immunization on genesis of experimental hemolytic streptococcus arthritis, 18
- Sulfur, pathologic effects produced by deficiency of single metallic and nonmetallic elements, 452
- Suprarenals: See Adrenals
- Symmers, D.: Clinical significance of pathologic changes in giant follicular lymphadenopathy, 385
- Syphills: See also under names of organs, regions and diseases
of aorta and coronary arteries, 745
- Thalamus**, tumors of striatohalamic and related regions; their probable source of origin and more common forms, 674
- Thesauriosis: See Cellulose
- Thymus, effects of radiation on blood and hemopoietic tissues, including spleen, thymus and lymph nodes, 562
- Thyroid: See also Parathyroid
effect of thyroxin and anterior pituitary growth hormone on endochondral ossification; species used: rat, 334
- Thyroxin, effect of thyroxin and anterior pituitary growth hormone on endochondral ossification; species used: rat, 334
- Tissue: See also Cells
effects of radiation on normal tissues, 443, 562, 749, 917, 1070
elastic; description of method for isolation of elastic tissue, 807
elastic properties of rabbit aorta in relation to age, 262
elastic; study of elasticity and tensile strength of elastic tissue isolated from human aorta, 971
heterotopic brain tissue in lungs of 2 anencephalic monsters, 1009
localized pleural mesothelioma; investigation of its characteristics and histogenesis by method of tissue culture, 951
pathologic effects produced by deficiency of single metallic and nonmetallic elements, 451
regeneration of rat liver at different ages; metabolism of embryonic, neonatal and regenerating rat liver, 208
- Toxin and Antitoxin, reduction of pulmonary resistance to infection by circulating toxins, 801
sudden death following injection of foreign protein, 849
- Trimble, W. K.: Congestive splenomegaly (Banti's disease) due to portal stenosis without hepatic cirrhosis; aneurysms of splenic artery; report of case with necropsy, 423
- Trypsin, fibrinoid necrosis in arteriosclerosis, 365
- Tubercle Bacilli: See also Tuberculosis
standardization of tuberculin with aid of guinea pigs sensitized by killed tubercle bacilli in liquid petrolatum, 73
- Tuberculin: See also Tuberculosis
standardization with aid of guinea pigs sensitized by killed tubercle bacilli in liquid petrolatum, 73
- Tuberculosis: See also Tubercle Bacilli; and under names of various diseases, organs and regions
effect of chorionic gonadotropin on spread of particulate substances in skin of rabbits, 151
pulmonary apical scar; inquiry, 67
pulmonary; studies of amyloid; isolation of polysaccharide from amyloid-bearing tissues, 92
relationship of coccidioidomycosis to calcified pulmonary nodules, 31

- Tumors:** See also Adenoma; Cancer; Fibrosarcoma; Mesothelioma; Papilloma; Sarcoma; etc.; and under names of organs and regions, as Brain; Heart; Nerves; Nervous System; Placenta; Salivary Glands; etc.
metastatic, of nervous system, 495
studies of spontaneous tumors in guinea pigs; tumors of stomach and intestine, 218
- Ultraviolet Rays:** See Radiations
- Urinary Tract,** effects of radiation on urinary system, 1079
- Uterus,** effects of progesterone on sex organs and on production of placenta in female guinea pig, 49
- Vaccinia:** See Smallpox
- Vance, B. M.:** Sudden death following injection of foreign protein, 849
- Viruses,** susceptibility of heart of rabbit to specific infection in viral diseases, 319
- Viscera,** multiple myeloma with unusual visceral involvement, 546
- Vitamins, A;** variation of vitamin A fluorescence in cyclic changes of ovary, 647
skeletal abnormalities induced in rats by maternal nutritional deficiency; histologic studies, 375
- Warkany, J.:** Skeletal abnormalities induced in rats by maternal nutritional deficiency; histologic studies, 375
- Warren, S.:** Effects of radiation on normal tissue, 443, 562, 749, 917, 1070
- Well's Disease:** See Spirochetosis, icterohaemorrhagic
- Wells, H. G.:** Metastatic calcification in osteitis deformans (Paget's disease of bone), 435
- Womack, N. A.:** Developmental abnormalities of lung and bronchiogenic carcinoma, 301
- Wu, S. D.:** Anatomic changes in prostate of patients with cirrhosis of liver, 735
- Yellow Fever,** comparison of pathologic observations in Well's disease and in yellow fever, 663
- Young, R. L.:** Heterotopic brain tissue in lungs of 2 anencephalic monsters, 1009
- Zappasodi, P.:** Effect of chorionic gonadotropin on spread of particulate substances in skin of rabbits, 151
- Zeek, P. M.:** Heart weight; weight of normal human heart, 820
- Zinc,** pathologic effects produced by deficiency of single metallic and nonmetallic elements, 461

